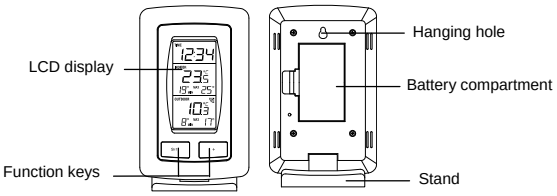
LA CROSSE TECHNOLOGY

Wireless Temperature Station

Model 9245

User Manual

Congratulations on purchasing this wireless 915 MHz temperature station with indoor and outdoor temperature. With two easy to use function keys, this innovative product is ideal for use in the home or office.

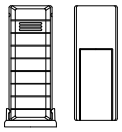


FEATURES:

The Temperature Station

- Manual time set (hour and minute)
- 24-Hour Time Format
- Temperature Display in Fahrenheit (°F)
- Indoor and Outdoor Temperature with MIN/MAX Records
- Low Battery Indicator
- Wireless Transmission at 915 MHz
- 8 Second Signal Reception Interval
- Wall Mount or Table Stand

The Outdoor Temperature Transmitter



- Wireless 915 MHz Outdoor Temperature Transmitter
- Rain-resistant Casing
- Wall Mounting or Table Stand

Note: Mount in a sheltered place. Avoid direct rain and sunshine.

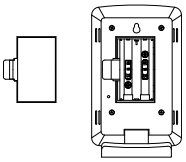
SETUP:

***Note:* this temperature station can only receive one transmitter only.**

1. First, insert batteries into the transmitter (see "**How to install and replace batteries in the Temperature transmitter**" below).
2. Within 30 seconds of powering up the transmitter, insert batteries into the Temperature Station (see "**How to install and replace batteries in the Temperature station**" below). Once the batteries are in place, all segments of the LCD will light up briefly. Following the indoor temperature, the time as 0:00 will be displayed. If they are not shown in the LCD after 60 seconds, remove the batteries and wait for at least 60 seconds before reinserting them. Once the indoor data is displayed you may proceed to the next step.
3. After the batteries are inserted, the Temperature Station will start receiving outdoor temp data from the transmitter. The outdoor temperature should then be displayed on the Temperature station. If this does not happen after 2 minutes, remove the batteries from both units and start again from step 1.
4. In order to ensure sufficient 915 MHz transmission, the outdoor transmitter should be placed a distance of no more than 200 feet from the Temperature Station and the transmitter (see notes on "**Positioning**" and "**915 MHz Reception**").

HOW TO INSTALL AND REPLACE BATTERIES IN THE TEMPERATURE STATION

The Temperature Station uses 2 x AA, IEC LR6 1.5V batteries. When batteries will need to be replaced, the low battery icon will appear on the LCD.
To install and replace the batteries, please follow the steps below:

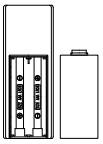


1. Lift up the battery compartment cover.
2. Insert batteries observing the correct polarity (see marking).
3. Replace compartment cover.

HOW TO INSTALL / REPLACE BATTERIES IN THE OUTDOOR TRANSMITTER

The Temperature transmitter uses 2 x AAA, IEC LR3 1.5V batteries. When batteries need to be replaced, the low battery icon will appear on the LCD of the Temperature Station. To install and replace the batteries, please follow the steps below:

1. Remove the battery compartment cover.



2. Insert the batteries, observing the correct polarity (see marking).
3. Replace the battery holder to the unit.

Note: When changing batteries in either of the units, **all** units need to be reset by following the setup procedures. This is because a random security code is assigned by the transmitter at start-up and this code must be received and stored by the Temperature Station in the first few minutes of power supplying.

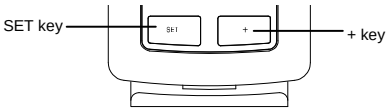
BATTERY CHANGE:

It is recommended to replace the batteries in all units regularly to ensure optimum accuracy of these units. (Battery life –see **Specifications**)

Please participate in the preservation of the environment. Return used batteries to an authorized depot.

FUNCTION KEYS:

The Temperature Station has only two easy to use function keys:



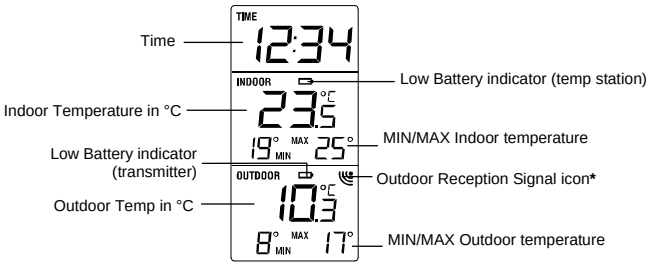
SET key

- Press and hold for about 3 seconds to enter the Manual setting mode.

+ key

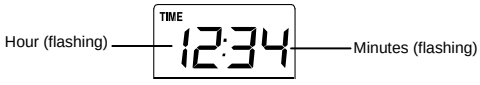
- Press to make adjustment in the setting mode.
- Press and hold to reset all MIN/MAX records

LCD SCREEN AND SETTINGS:



***** When the signal from the transmitter is successfully received by the Temperature Station, this icon will be switched on. (If not successful, the icon will not be shown on the LCD). User can therefore easily see whether the last reception was successful (“ON” icon) or not (“OFF” icon). On the other hand, the short blinking of the icon shows that a reception is being done at that time.

MANUAL TIME SET:
To manually set the time of the Temperature Station:

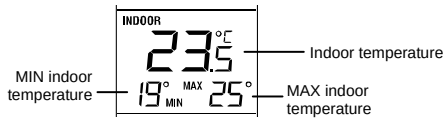


1. Press and hold the **SET** key for 3 seconds to enter the manual time setting mode.
2. The hour digit of the time display will be flashing.
3. Press the **+** key to adjust the hour (press and hold to allow fast advance). Press **SET** key to confirm and go to the minute setting.
4. The minute digit will be flashing. Press the **+** key to adjust the minute (press and hold to allow fast advance). Press **SET** key once more to return to normal display.

Note: If no buttons are pressed within approximately 8 seconds while in setting mode, the unit will return to normal operating mode.

VIEWING THE INDOOR TEMPERATURE AND MIN/MAX

The indoor temperature is displayed in the second section of the LCD along with the indoor MIN/MAX records:



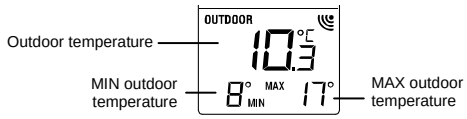
Notes:

The maximum temperature record for the MIN indoor temperature can only be up to -10ºC, and the MIN/MAX temperature resolution is 1˚C.

The resolution of the indoor temperature is 0.5ºC

VIEWING THE OUTDOOR TEMPERATURE AND THE MIN/ MAX

The outdoor temperature is displayed in the last section of the LCD along with the outdoor MIN/MAX records:



Notes:

- The minimum/maximum temperature resolution is 1˚F.
- The resolution of the outdoor temperature is 0.2ºF

TO RESET THE MIN/MAX DATA:

The MIN/MAX temperature can be reset manually by pressing and holding the **+** key for about 3 seconds. This will reset all indoor and outdoor MIN/MAX temperature to current indoor and outdoor temperatures.

LOW BATTERY INDICATOR

Low battery indicator is displayed on the LCD when the batteries require changing.

915 MHz RECEPTION CHECK

The Temperature Station should receive the outdoor temperature data within a few minutes after setup. If the temperature data are not received about 2 minutes after setup (the signal reception icon does not appear), please check the following points:

1. The distance of the Temperature Station or transmitter should be at least 1.5 to 2 meters away from any interfering sources such as computer monitors or TV sets.
2. Avoid positioning the Temperature Station onto or in the immediate proximity of metal window frames.
3. Using other electrical products such as headphones or speakers operating on the same signal frequency (915MHz) may prevent correct signal transmission and reception.
4. Neighbors using electrical devices operating on the 915MHz signal frequency can also cause interference.

Note:

When the 915MHz signal is received correctly, do not re-open the battery cover of either the transmitter or the Temperature Station, as the batteries may spring free from the contacts and force a false reset. If this happens accidentally, all units must be reset (see **Setting up** above) otherwise transmission problems may occur.

The transmission range is about 200 ft. from the transmitter to the Temperature Station (in open space). However, this depends on the surrounding environment and interference levels. If no reception is possible despite the observation of these factors, all system units have to be reset (see **Setting up above**).

POSITIONING THE TEMPERATURE STATION:

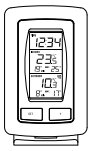
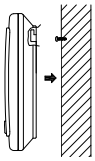


Table standing
The Temperature Station comes attached with a table stand, which provides the option of table standing the unit in addition to wall mounting.

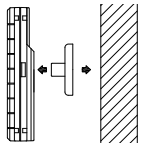


To wall mount:
Before wall mounting, please check that the outdoor temperature values can be received from the desired locations:

1. Fix a screw (not supplied) into the desired wall, leaving the head extended out by about 5mm.
2. Hang the Temperature Station onto the screw. Remember to ensure that it locks into place before releasing.

POSITIONING THE REMOTE TEMPERATURE TRANSMITTER:

The remote temperature transmitter can be placed onto any flat surface or wall mounted using the bracket which doubles as a stand or wall mount base.



To wall mount:

1. Secure the bracket onto a desired wall using the screws and plastic anchors.
2. Clip the remote temperature transmitter onto the bracket.

Note:
The mounting surface can affect the transmission range. If, for instance, the unit is attached to a piece of metal, it may then either reduce or increase the transmitting range. For this reason, we recommend not to place the unit on any metal surfaces or in any position where a large metal or highly polished surface is in the immediate vicinity (garage doors, double glazing, etc.). Before securing in place, please ensure that the Temperature Station can receive the 915MHz signal from the temperature transmitter at the positions that you wish to place them.

CARE AND MAINTENANCE:

- Extreme temperatures, vibrations and shocks should be avoided as these may cause damage to the unit and give inaccurate forecasts and readings.
- When cleaning the display and casings, use a soft damp cloth only. Do not use solvents or scouring agents as they may mark the LCD and casings.
- Do not submerge the units in water. Furthermore, fix all parts in place where the units are adequately protected against moisture and rain.
- Immediately remove all low powered batteries to avoid leakage and damage. Replace only with new batteries of the recommended type.
- Do not make any repair attempts to the unit. Return them to their original point of purchase for repair by a qualified engineer. Opening and tampering with the unit may invalidate their guarantee.
- Do not expose the units to extreme and sudden temperature changes, this may lead to rapid changes in forecasts and readings and thereby reduce their accuracy.

SPECIFICATIONS:

Temperature measuring range

Indoor	:	14.5ºF to 139.5ºF with 0.5ºF resolution ("OF.L" displayed if outside this range)
Outdoor	:	-39.8ºF to +139.8ºF with 0.2ºF resolution ("OF.L" displayed if outside this range)
Indoor Temperature checking interval	:	every 20 seconds
Outdoor data checking interval	:	every 8 seconds

Power consumption

Temperature Station	:	2 x AA, IEC LR6, 1.5V
Outdoor Temperature Transmitter	:	2 x AAA, IEC LR3, 1.5V

Battery life cycle (Alkaline batteries recommended):

Temperature Station	:	approximately 24 months
Outdoor Temperature Transmitter	:	approximately 12 months

Dimensions (L x W x H)

Temperature Station	:	3.14" X 5.00" X 1.14"
Outdoor Temperature Transmitter	:	1.27" X 3.40" X 0.55"

WARRANTY

La Crosse Technology, Ltd provides a 1-year limited warranty on this product against manufacturing defects in materials and workmanship.

This limited warranty begins on the original date of purchase, is valid only on products purchased and used in North America and only to the original purchaser of this product. To receive warranty service, the purchaser must contact La Crosse Technology, Ltd for problem determination and service procedures. Warranty service can only be performed by a La Crosse Technology, Ltd authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to La Crosse Technology, Ltd or La Crosse Technology, Ltd's authorized service center.

La Crosse Technology, Ltd will repair or replace this product, at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of La Crosse Technology, Ltd and must be returned to La Crosse Technology, Ltd. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer. La Crosse Technology, Ltd will pay all expenses for labor and materials for all repairs covered by this warranty. If necessary repairs are not covered by this warranty, or if a product is examined which is not in need or repair, you will be charged for the repairs or examination. The owner must pay any shipping charges incurred in getting your La Crosse Technology, Ltd product to a La Crosse Technology, Ltd authorized service center. La Crosse Technology, Ltd will pay ground return shipping charges to the owner of the product to a USA address only.

Your La Crosse Technology, Ltd warranty covers all defects in material and workmanship with the following specified exceptions: (1) damage caused by accident, unreasonable use or neglect (including the lack of reasonable and necessary maintenance); (2) damage occurring during shipment (claims must be presented to the carrier); (3) damage to, or deterioration of, any accessory or decorative surface; (4) damage resulting from failure to follow instructions contained in your owner's manual; (5) damage resulting from the performance of repairs or alterations by someone other than an authorized La Crosse Technology, Ltd authorized service center; (6) units used for other than home use (7) applications and uses that this product was not intended or (8) the products inability to receive a signal due to any source of interference. This warranty covers only actual defects within the product itself, and does not cover the cost of installation or removal from a fixed installation, normal set-up or adjustments, claims based on misrepresentation by the seller or performance variations resulting from installation-related circumstances.

LA CROSSE TECHNOLOGY, LTD WILL NOT ASSUME LIABILITY FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE, OR OTHER SIMILAR DAMAGES ASSOCIATED WITH THE OPERATION OR MALFUNCTION OF THIS PRODUCT. THIS PRODUCT IS NOT TO BE USED FOR MEDICAL PURPOSES OR FOR PUBLIC INFORMATION. THIS PRODUCT IS NOT A TOY. KEEP OUT OF CHILDREN'S REACH.

This warranty gives you specific legal rights. You may also have other rights specific to your State. Some States do not allow the exclusion of consequential or incidental damages therefore the above exclusion of limitation may not apply to you.

For warranty work, technical support, or information contact:

La Crosse Technology, Ltd
2817 Losey Blvd. S
La Crosse, WI 54601

www.lacrossetechnology.com/support

R&TTE Directive 1999/5/EC

Summary of the Declaration of Conformity: We hereby declare that this wireless transmission device does comply with the essential requirements of R&TTE Directive 1999/5/EC.

LIABILITY DISCLAIMER:

- The electrical and electronic wastes contain hazardous substances. Disposal of electronic waste in wild country and/or in unauthorized grounds strongly damages the environment.
- Please contact your local or/and regional authorities to retrieve the addresses of legal dumping grounds with selective collection.
- All electronic instruments must from now on be recycled. User shall take an active part in the reuse, recycling and recovery of the electrical and electronic waste.
- The unrestricted disposal of electronic waste may do harm on public health and the quality of environment.
- As stated on the gift box and labeled on the product, reading the "User manual" is highly recommended for the benefit of the user. This product must however not be thrown in general rubbish collection points.
- The manufacturer and supplier cannot accept any responsibility for any incorrect readings and any consequences that occur should an inaccurate reading take place.
- This product is designed for use in the home only as indication of the temperature and other weather data.

- This product is not to be used for medical purposes or for public information. The specifications of this product may change without prior notice.
- This product is not a toy. Keep out of the reach of children.
- No part of this manual may be reproduced without written authorization of the manufacturer.

All rights reserved. This handbook must not be reproduced in any form, even in excerpts, or duplicated or processed using electronic, mechanical or chemical procedures without written permission of the publisher.

This handbook may contain mistakes and printing errors. The information in this handbook is regularly checked and corrections made in the next issue. We accept no liability for technical mistakes or printing errors, or their consequences.
All trademarks and patents are acknowledged.